

Amendments to the claims:

This listing of claims replaces all prior versions and listings of the claims in the application.

In the claims:

Please amend the claims as follows:

Listing of Claims:

1. (Presently amended) A computer-implemented method of retrieving information comprising:
pre-assigning concept labels to documents contained in a collection, ~~assigning pre-~~
assigning including parsing the documents automatically with a grammar;
generating a grammar around the concept labels;
~~receiving a query;~~
applying the generated grammar to a query to convert the query to a query concept; and
~~converting the query to a query concept; and~~
mapping the query concept to a concept label.
2. (Canceled).
3. (Original) The method of claim 1 in which the concept label represents a general notion.
4. (Original) The method of claim 1 in which the query is a text query received from a user.
5. (Presently amended) The method of claim 1 in which pre-assigning ~~assigning~~ comprises:
spidering the collection;
matching features contained in each of the documents to a store of concepts; and
storing document location indicators for each matched concept.

6. (Original) The method of claim 5 in which the documents are HyperText Markup Language (HTML) files.

7. (Original) The method of claim 6 in which the document location indicators are Universal Resource Identifiers (URLs).

8. (Original) The method of claim 1 in which converting comprises applying a store of grammar rules to the query.

9. (Original) The method of claim 8 in which the grammar rules map text to concepts.

10. (Original) The method of claim 1 further comprises generating a list of the mapping.

11. (Original) The method of claim 10 in which the list represents locations of documents.

12. (Original) The method of claim 11 in which the locations are Universal Resource Identifiers (URLs).

13. (Presently amended) A computer-implemented method of document retrieval comprising:
pre-assigning ~~assigning~~ concept labels to documents contained in a collection according to grammar rules;

generating a concept grammar around the pre-assigned concept labels;

~~receiving a query;~~

applying the concept grammar to a query to convert the query to a query concept; and

~~converting the query to a query concept using the grammar rules; and~~

mapping the query concept to a concept label.

14. (Presently amended) The method of claim 13 in which pre-assigning ~~assigning~~ comprises parsing the documents automatically with the grammar rules.

15. (Original) The method of claim 13 in which the query is received from a user.

16. (Original) The method of claim 15 further comprising:

generating a list of the mapped query concepts; and
displaying the list to the user on an input/output device.

17. (Presently amended) A computer program residing on a computer-readable medium comprising instructions for causing a processor to:

~~pre-assign~~ assign concept labels to documents contained in a collection according to
grammar rules;

generate a grammar around the pre-assigned concept labels;

apply the generated grammar to a query to convert the query to a query concept; and

~~receive a query~~;

~~convert the query to a query concept; and~~

map the query concept to a concept label.

18. (Original) The computer program of claim 17 further comprising instructions for causing the processor to:

generate a list of the map.

19. (Presently amended) A computer program residing on a computer-readable medium comprising instructions for causing a processor to:

~~pre-assign~~ assign concept labels to documents contained in a collection according to
grammar rules;

receive a query;

generate a concept grammar around the pre-assigned concept labels;

apply the concept grammar to a query to convert the query to query concept; and

~~convert the query to a query concept using the grammar rules; and~~

map the query concept to a concept label.

Applicant : Chang et al.
Serial No. : 10/080,945
Filed : February 22, 2002
Page : 5

20. (Original) The computer program of claim 19 further comprising instructions for causing the processor to:

generate a list of the mapped query concepts; and
display the list to a user on an input/output device.